Golf Course
Client Browser
#1

Golf Course
Client Browser
#N

. . . . . .

Tee Times
Reservation
Hub
Server

Database

Golfer
Client
Browser
#1

Golfer
Client
Browser
#N

. . . . . .

FIG. 1

Rivers Edge

Today is Monday March 5, 2001

LMTT.com
point, click and golf!

1) Check/Uncheck boxes next to times to add/remo
2) Click on **"Apply Changes Now"** button

Back

☑ = Time already available on Internet
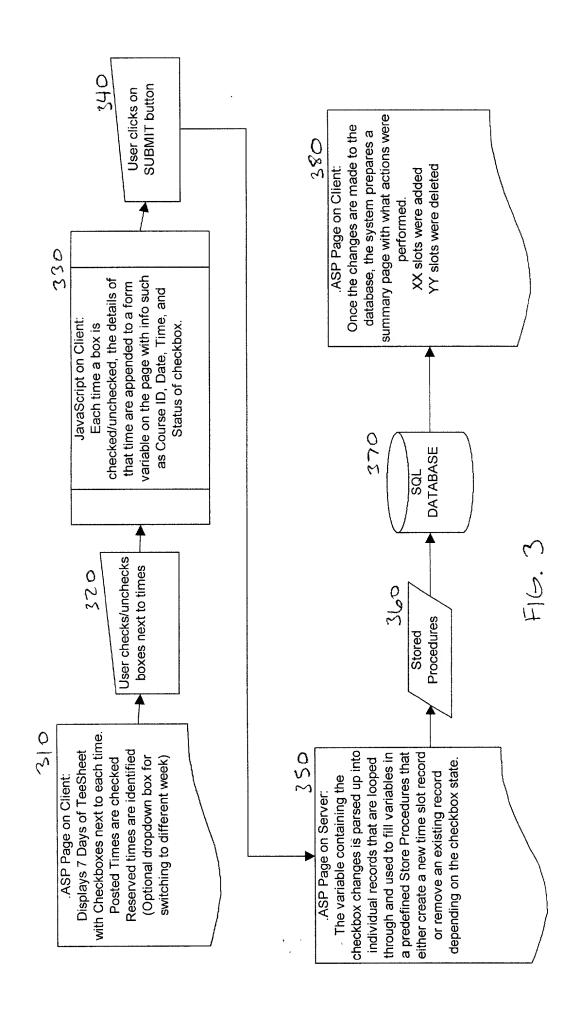ℝ = Reservation already booked
(click icon to view reservation)
☐ = Time is available to be added

View Week Starting Monday:

March 5, 2001 ▼   Apply Changes Now

Mon 3/5	Tue 3/6	Wed 3/7	Thu 3/8	Fri 3/9	Sat 3/10	S\ 3/
	ℝ 8:30 am	☑ 7:30 am	☑ 8:30 am	ℝ 11:00 am	☑ 7:45 am	☑ 7:4
	☑ 11:00 am	☑ 8:22 am	☑ 11:00 am	☑ 1:00 pm	☑ 11:00 am	☑ 7:5
	☑ 1:00 pm	☑ 8:30 am	☑ 1:00 pm		☑ 1:00 pm	☑ 11
		☑ 11:00 am				☑ 1:0
		☑ 1:00 pm				
int=7/8	int=7/8	int=7/8	int=7/8	int=7/8	int=7/8	int=
☐ 6:30 am	☐ 6:30 am	☐ 6:30 am	☐ 6:30 am	☐ 6:30 am	☐ 6:30 am	☐ 6:3
☐ 6:37 am	☐ 6:37 am	☐ 6:37 am	☐ 6:37 am	☐ 6:37 am	☐ 6:37 am	☐ 6:3
☐ 6:45 am	☐ 6:45 am	☐ 6:45 am	☐ 6:45 am	☐ 6:45 am	☐ 6:45 am	☐ 6:4
☐ 6:52 am	☐ 6:52 am	☐ 6:52 am	☐ 6:52 am	☐ 6:52 am	☐ 6:52 am	☐ 6:5
☐ 7:00 am	☐ 7:00 am	☐ 7:00 am	☐ 7:00 am	☐ 7:00 am	☐ 7:00 am	☐ 7:0
☐ 7:07 am	☐ 7:07 am	☐ 7:07 am	☐ 7:07 am	☐ 7:07 am	☐ 7:07 am	☐ 7:0
☐ 7:15 am	☐ 7:15 am	☐ 7:15 am	☐ 7:15 am	☐ 7:15 am	☐ 7:15 am	☐ 7:1
☐ 7:22 am	☐ 7:22 am	☐ 7:22 am	☐ 7:22 am	☐ 7:22 am	☐ 7:22 am	☐ 7:2

FIG. 2

310

.ASP Page on Client:
Displays 7 Days of TeeSheet
with Checkboxes next to each time.
Posted Times are checked
Reserved times are identified
(Optional dropdown box for
switching to different week)

320

User checks/unchecks
boxes next to times

330

JavaScript on Client:
Each time a box is
checked/unchecked, the details of
that time are appended to a form
variable on the page with info such
as Course ID, Date, Time, and
Status of checkbox.

340

User clicks on
SUBMIT button

350

.ASP Page on Server:
The variable containing the
checkbox changes is parsed up into
individual records that are looped
through and used to fill variables in
a predefined Store Procedures that
either create a new time slot record
or remove an existing record
depending on the checkbox state.

360

Stored
Procedures

370

SQL
DATABASE

380

.ASP Page on Client:
Once the changes are made to the
database, the system prepares a
summary page with what actions were
performed.
XX slots were added
YY slots were deleted

FIG. 3

Courses		
Field	DataType	Length
Crs_ID	int	4
Crs_Group	int	4
Crs_CityID	int	4
Crs_Name	nvarchar	100
Crs_Addre	nvarchar	75
Crs_City	nvarchar	50
Crs_State	nvarchar	15
Crs_Zip	nvarchar	15
Crs_Phone	nvarchar	50
Crs_Fax	nvarchar	50
Crs_Email	nvarchar	200
Crs_Conta	nvarchar	100
Crs_Holes	nvarchar	50
Crs_Enabl	int	4
Crs_Comm	ntext	16
Crs_DateC	datetime	8
Crs_LastU	datetime	8
Crs_Desc	text	16
Crs_Logo	nvarchar	100
Crs_Image	nvarchar	100
Crs_Image	nvarchar	100
Crs_WebN	nvarchar	300
Crs_GM	nvarchar	50
Crs_GMEn	nvarchar	50
Crs_GMIm	nvarchar	100
Crs_HP	nvarchar	50
Crs_HPEm	nvarchar	50
Crs_HPIm	nvarchar	100
Crs_Dir	nvarchar	500
Crs_Desig	nvarchar	50
Crs_Websi	nvarchar	100
Crs_Week	int	4
Crs_Week	int	4
Crs_Par	int	4
Crs_Sounc	varchar	100
Crs_Graffi	int	4

FIG. 4A

Reservations		
Field	DataType	Length
Res_ID	int	4
Res_Cours	int	4
Res_DayIC	int	4
Res_Date1	datetime	8
Res_SlotIC	int	4
Res_Bookl	nvarchar	50
Res_Bookl	datetime	8
Res_Bookl	int	4
Res_Book	int	4
Res_Confi	nvarchar	50
Res_Party	int	4
Res_Playe	nvarchar	250
Res_Holes	int	4
Res_Paid	int	4
Res_Amou	money	8
Res_Statu	int	4
Res_Notes	nvarchar	250
Res_Canc	datetime	8
Res_Canc	nvarchar	250
Res_Hotell	nvarchar	50
Res_Hotell	nvarchar	50
Res_Hotell	int	4
Res_AddIn	nvarchar	50
Res_AddIn	nvarchar	50
Res_DateC	datetime	8
Res_LastU	datetime	8

FIG. 4B

Slots

Field	DataType	Length
Slot_ID	int	4
Slot_Cours	int	4
Slot_DayIC	int	4
Slot_Date1	datetime	8
Slot_Timel	int	4
Slot_Statu:	int	4
Slot_Allow	int	4
Slot_Rese	nvarchar	100
Slot_Type	smallint	2
Slot_Date(	datetime	8
Slot_LastU	datetime	8

FIG. 4C

Days

Field	DataType	Length
Day_ID	int	4
Day_Cours	int	4
Day_Date	datetime	8
Day_Numt	int	4
Day_Date(	datetime	8
Day_LastU	datetime	8

FIG. 4D